01-08-02

PTO/SB/01 (10-01)

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Attorney Docket Number	P 5340.11008		
First Named Inventor	Peter S. Shifflett		
COMPLETE IF KNOWN			
Application Number			
Filing Date			
Art Unit			
Examiner Name			
	First Named Inventor COMPLETE I Application Number Filing Date Art Unit		

	requirea)	Examiner Name				
As the below named inventor, I hereby declare that:						
My residence, mailing address, and c	itizenship are as stated belov	w next to my name.				
I believe I am the original and first inv	entor of the subject matter w	hich is daimed and for whi	ich a patent is sougl	ht on the invention entitled:		
Apparatus and Method for Remotely Sensing Hydrocarbons and Other Pollutants in Vehicle Emissions						
	(Title of the In	vention)				
the specification of which						
X is attached hereto						
OR was filed on (MM/DD/YYYY)						
Application Number	and was amender	d on (MM/DD/YYYY)		(if applicable).		
I hereby state that I have reviewed and any amendment specifically referred to	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.					
l acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO		
Additional foreign application nur	mbers are listed on a suppler	mental priority data sheet F	PTO/SB/02B attache	ed hereto:		

[Page 1 of 2/] 3

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DECLARATION — Utility or Design Patent Application

	Customer N	··mbor					
Direct all correspon	or Bar Code	Label			OF	R X Con	respondence address below
	William A. Birdwe						
Name	Durando Birdwell	& Jank	e, P.L.	J.			
Address	2929 E. Broadway 1	Blvd.		T			
City	Tucson			State	AZ		85716
Country	USA	Telepho	ne 520		-9442		Fax 520-881-9448
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.							
NAME OF SOL	E OR FIRST INVENTOR :		A petition h	as bee	n filed for	this unsigr	ned inventor
Given Name (first and middle [i	Peter S.			Family or Sur	y Name mame	Shiff	lett
Inventor's Signature	Pete-Shi7	fe//					1 9 0
Residence: City	Tucson	Sta	AZ ate		Country	USA	USA Citizenship
Mailing Address	2750 W. Tippeca	noe Tr	ail				
City	Tucson	Sta	AZ ate		857 ZIP	745	USA Country
NAME OF SEC	OND INVENTOR:	A	petition has	s been	filed for ti	his unsigne	d inventor
Given Name James H. Family Name Johnson (first and middle [if,any]) or Surname							
Inventor's Signature	Jan & Ju	l		-			Date 11/09/2001
Residence: City	Tucson	Sta	AZ ute		Country	USA	USA Citizenship
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City	Tucson	Sta	AZ nte		857 ZIP	741	USA Country
X Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3_ of 3_

Name of Additional Joint Inventor, if ar	ıy:	□ A	petition has been filed	for th	nis unsigned inventor
Given Name (first and middle [if any])		Family Name	or S	urname
Jason K.	- Control of the Cont	74	ebster		
Inventor's Signature & Well					Date 9/200/
Residence: City Tucson	State AZ	Соц	ntry USA		/ / Citizenship USA
Mailing Address 8876 N. Bottlebus	sh Lane				
Mailing Address		- <u> </u>			
City Tucson	State AZ	ZIF	85742 c	ountr	y USA
Name of Additional Joint Inventor, if an	ıy:	□Ар	etition has been filed t	or this	s unsigned inventor
Given Name (first and middle [if any])		Family Name	or S	umame
Inventor's Signature					Date
Residence: City	State	Country Citizenship		Citizenship	
Mailing Address					
Mailing Address					
City	State	z	IP	Cour	ntrv
Name of Additional Joint Inventor, if any:					
Given Name (first and middle [if any])			Family Na	ame o	or Surname
Inventor's Signature	1				Date
Residence: City	State		Country		Citizenship
Mailing Address					
Mailing Address					
City	State		7IP	Co	untry

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number		
Filing Date		
First Named Inventor	Peter S. Shifflett	
Title	Apparatus and Method*	
Group Art Unit		
Examiner Name		
Attorney Docket Number	P 5340.11008	

I hereby appoint:		
OR	Customer Number	Place Customer Number Bar Code Label here
X Practitioner(s) na	med below:	
	Name	Registration Number
	A. Birdwell	27,181
	R. Durando	28,409
Garth E.	·	40,662
Gavin J	Milczarek—Desai	45,801
	agent(s) to prosecute the application ic states Patent and Trademark Office con	
l — -	espondence address for the above-identified Customer Number.	tified application to: Place Customer Number Bar Code Label here
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Telephone	520-881-9442	Fax 520-881-9448
	or. ord of the entire interest. See 37 CFR 3. 37 CFR 3.73(b) is enclosed. (Form PT	
	SIGNATURE of Applicant or Assign	ee of Record
Name Deni	nis Smith, President, MD Las	erTech LLC
Signature Alamis Ala		
Date 11-9-0 -		
NOTE: Signatures of all the inventorms if more than one signature		or their representative(s) are required. Submit multiple
≅ *Total of 1for	ms are submitted.	

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^{*}for Remotely Sensing Hydrocarbons and Other Pollutants in Vehicle Emissions

STATEMENT I	UNDER 37 CFR 3.73(b)
Applicant/Patent Owner: Peter S. Shifflet	tt, James H. Johnson and Jason K. Webster
Application No./Patent No.:	Filed/Issue Date:
	Filed/Issue Date:otely Sensing Hydrocarbons and Other
MD LaserTech LLC ,a lim	nited liability corporation of Arizona
(Name of Assignea) (Type	e of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is:	
1. X the assignee of the entire right, title, and inte	erest; or
2. an assignee of less than the entire right, title The extent (by, percentage) of its ownership	and interest. interest is%
in the patent application/patent identified above by	virtue of either:
was recorded in the United States Patent an which a copy thereof is attached.	atent application/patent identified above. The assignment and Trademark Office at Reel, Frame, or for
OR	
assignee as shown below: 1. From:	atent application/patent identified above, to the currentTo: ited States Patent and Trademark Office at
Reel, Frame	, or for which a copy thereof is attached.
2. From:	To:
The document was recorded in the Uni	ited States Patent and Trademark Office at, or for which a copy thereof is attached.
	To:
The document was recorded in the Uni	ited States Patent and Trademark Office at, or for which a copy thereof is attached.
[] Additional documents in the chain of tit	le are listed on a supplemental sheet.
[] Copies of assignments or other documents in the [NOTE: A separate copy (i.e., the original assign	e chain of title are attached. nment document or a true copy of the original document) cordance with 37 CFR Part 3, if the assignment is to be
The undersigned (whose title is supplied below) is au	uthorized to act on behalf of the assignee.
11-9-01 Date	Dennis Smith Typed or printed name
	James OX The
	Signature C

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.